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Inventor Information for 10/516475

Inventor Name	City	State/Country
ZHOU, XIANGQI	ZHUZHOU CITY	CHINA
LIU, ZHENG	ZHUZHOU CITY	CHINA
EIU, LIMING	ZHUZHOU CITY	CHINA
GENG, HAO	ZHUZHOU CITY	CHINA

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Section Sect	TTO .	200(1102	Mothod to make	428/36.92	524/155;	Liu;
A1	1	20061102		720/30.72	•	
Discription of the property					324/170	_
Clarity	A1		_			al.
US			-			
SYSTEM AND METHOD Control strategy for expanding diesel HCCI combustion range by lowering intake manifold temperature Combustion range by lowering and Prin a hybrid HCCI combustion rengine Combustion rengine Combustion rengine Combustion rengine Combustion rengine Combustion rengine Combustion range by lowering Combustion rengine Combustion rengin						
METHOD	US	20061026	ENGINE VALVE	60/605.1		
US 200602097 Control strategy for expanding diesel HCCI combustion range by lowering intake manifold temperature Strategy for selectively bypassing a DPF in a hybrid HCCI combustion engine HCCI combustion engine G0/605.2; 701/104 Liu; Zhengbai et al.	20060236693		SYSTEM AND		60/605.2;	et al.
US 20060207	A1		METHOD		60/612	
Expanding diesel HCCI combustion range by lowering intake manifold temperature Strategy for selectively bypassing a DPF in a hybrid HCCI combustion engine DPF in a hybrid HCCI combustion DPF in a hybrid HCCI com		20060907	Control strategy for	701/104	123/568.12;	Liu;
A1					60/605.2;	Zhengbai et
US 20060185353					701/108	al.
US 20060185353	711					
US 20060150397					,	.
US 20060185353				-		
Selectively bypassing a DPF in a hybrid HCCI combustion engine C0/605.2; 701/104 Al.	LIC	20060924		60/297	60/311	Lin
A1 a DPF in a hybrid HCCI combustion engine US 20060150397 A1 20060713 Magnetic read/write head 29/603.01 29/603.01; 29/605; 360/122 US 20060075995 A1 20060413 Emission reduction in a diesel engine using an alternative combustion process and a low-pressure EGR loop US 20060060173 A1 20060323 Vortex mixing system for exhaust gas recirculation (EGR) US 20060060172 A1 20060323 VENTURI MIXING SYSTEM FOR EXHAUST GAS RECIRCULATION (EGR) US 20060060171 A1 20060323 TWO STAGE MIXING SYSTEM FOR EXHAUST GAS RECIRCULATION (EGR) US 20060060171 A1 Company and provided Head of the provided Head of t		20060824	0.5	00/297	,	1 1
HCCI combustion engine 29/603.01 29/603.07; 29/603.11; 29/605; 360/122 20060075995						1 -
US 20060150397 A1	Al				/01/10 4	ai.
US 20060150397 A1					,	
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A1	T	20060713		29/603.01	1	
US 20060060173	20060150397		head		i '	K. et al.
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20060075995 A1 a diesel engine using an alternative combustion process and a low-pressure EGR loop	· ·					
A1 an alternative combustion process and a low-pressure EGR loop US 20060060173 A1 20060323 Vortex mixing system for exhaust gas recirculation (EGR) US 20060060172 A1 20060323 VENTURI MIXING SYSTEM FOR EXHAUST GAS RECIRCULATION (EGR) US 20060060171 A1 FOR EXHAUST GAS RECIRCULATION (EGR) US 20060060171 A1 FOR EXHAUST GAS RECIRCULATION (EGR) US 20060060171 A1 FOR EXHAUST GAS RECIRCULATION (EGR) An alternative combustion process and a low-pressure EGR loop US 20060323 Venturi MIXING 123/568.17 Liu; Zhengbai et al.	US	20060413	Emission reduction in	123/568.12	60/605.2	
A1	20060075995	ļ.,	a diesel engine using			Zhengbai et
Combustion process and a low-pressure	1		an alternative			al.
US 20060323 Vortex mixing 123/568.17 Wei; Puning et al.		ļ	combustion process			
US 20060323 Vortex mixing 123/568.17 Wei; Puning et al.			-			
US 20060323 Vortex mixing system for exhaust gas recirculation (EGR) 123/568.17 Wei; Puning et al. US 20060323 VENTURI MIXING SYSTEM FOR EXHAUST GAS RECIRCULATION (EGR) 123/568.17 Liu; Zhengbai et al. US 20060323 TWO STAGE MIXING SYSTEM FOR EXHAUST GAS RECIRCULATION (EGR) 123/568.17 Liu; Zhengbai et al.			_			
20060060173	IIS	20060323		123/568.17		Wei; Puning
A1	1 '	20000323				et al.
US			gas recirculation			
US 20060060172 A1	Al					
20060060172 A1 SYSTEM FOR EXHAUST GAS RECIRCULATION (EGR) US 20060060171 A1 FOR EXHAUST GAS RECIRCULATION (EGR) Liu; Zhengbai et al. Liu; Zhengbai et al.	LIC	20060222		123/568 17		Liu:
A1		20000323		123/300.17		1 '
Control Cont			'			-
US 20060323 TWO STAGE 123/568.17 Liu; Zhengbai et al. A1 FOR EXHAUST GAS RECIRCULATION (EGR)	AI					ui.
US 20060060171 A1 ZOU60323 TWO STAGE MIXING SYSTEM FOR EXHAUST GAS RECIRCULATION (EGR) Liu; Zhengbai et al.						
20060060171 A1 MIXING SYSTEM FOR EXHAUST GAS RECIRCULATION (EGR) Zhengbai et al.		000000		100/5/0 17		Lin
FOR EXHAUST GAS RECIRCULATION (EGR) al.		20060323	1	123/368.17		
GAS RECIRCULATION (EGR)	1	1				
RECIRCULATION (EGR)	A1	1				ai.
(EGR)						
			RECIRCULATION			
US 20060323 Kinf of yarn 57/252 Zhou;		<u> </u>				
	US	20060323	Kinf of yarn	57/252		
20060059884 comprising bamboo Xiangqi et	20060059884					Xiangqi et

es supplies

A 1		Ch 3 41 -			al
A1		fiber and the			al.
		processing method			
		thereof			
US	20060119	System and method	717/162		Liu;
20060015860		for storing attributes			Zhengrong
A1		in a file for			et al.
• • • •		processing an			
		operating system			
US	20060119	Processing system	713/176	713/164;	Liu;
20060015732	20000119	using internal digital	713/1/0	713/193	Zhengrong
				113/173	Zhengrong
Al		signatures	710/164		T :
US	20060119	Use of kernel	713/164		Liu;
20060015718		authorization data to			Zhengrong
A1		maintain security in a			et al.
• .		digital processing			
	ļ	system			
US	20060119	Establishing a trusted	713/164	713/181	Liu;
20060015717		platform in a digital			Zhengrong
Al		processing system			et al.
US	20060112	TORQUE	123/299	123/443;	Liu;
20060005805	20000112	CONTROL	123/277	701/103	Zhengbai et
		1		701/103	al.
A1		STRATEGY FOR A			a1.
		DIESEL ENGINE			
		DURING LEAN-			
		RICH			
		MODULATION			
		USING			
		INDEPENDENT			
		FUEL INJECTION			
		MAPS			
US	20051229	Strategy for fueling a	701/104	123/295;	Liu,
20050288846	20051227	diesel engine by		123/305;	Zhengbai et
		selective use of		701/115	al.
A1		fueling maps to		701/113	
		1 2 1			
		provide HCCI+RVT,			
	1	HCCI+IVC,			
		HCCI+IVC+EVC,			1
		and CDcombustion			
		modes			<u> </u>
US	20051229	Strategy for fueling a	123/295	123/305	Liu,
20050284441		diesel engine by		1	Zhengbai et
Al		selective use of			al.
		fueling maps to			
		provide HCCI,			
		HCCI+CD, and CD			
		combustion modes			
		Combustion modes	<u></u>		

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US 20050211218 A1 US 20050205893 A1	20050929	Control strategy for HCCI-CD combustion in a diesel engine using two fuel injection phases SHEET-TYPE BETA-FESI2 ELEMENT, AND METHOD AND	123/299 257/201		Liu, Zhengbai et al. Makita, Yunosuke et al.
		DEVICE FOR MANUFACTURING THE SAME			
US 20050205053 A1	20050922	INCREASING THE DURATION OF PEAK COMBUSTION PRESSURE IN CYLINDERS OF A DIESEL ENGINE USING FUEL INJECTION CONTROL STRATEGIES	123/299		Liu, Zhengbai
US 20050149293 A1	20050707	Automatically notifying system for testing cellular phone module and method thereof	702/185		Chang, Chin-Wei et al.
US 20050115537 A1	20050602	Combustion chamber	123/276		Liu, Zhengbai
US 20050089658 A1	20050428	Opaque polyester containers	428/35.7		Scantlebury, Geoffrey R. et al.
US 20050087264 A1	20050428	Optical sensor	148/33.3		Tanoue, Hisao et al.
US 20050066929 A1	20050331	Combustion chamber with one concave surface and three convex surfaces	123/193.4		Liu, Zhengbai
US 20040254204 A1	20041216	Bicyclic derivatives for the treatment of abnormal cell growth	514/266.21	544/284	Kath, John C. et al.
US	20041021	Method and	705/35		Sobel,

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20040210500 A1		apparatus for network-based portfolio management and risk-analysis			William et al.
US 20040202179 A1	20041014	METHODS AND APPARATUS FOR EXTENDING THE TRANSMISSION RANGE OF UTOPIA INTERFACES AND UTOPIA PACKET INTERFACES	370/395.1		Tan, Zhenping et al.
US 20040180354 A1	20040916	Epitope sequences	435/6	435/325; 435/69.1; 530/350; 536/23.5	Simard, John J.L. et al.
US 20040177828 A1	20040916	Three-reentrancy combustion chamber	123/279		Liu, Zhengbai
US 20040157885 A1	20040812	PPAR activators	514/317	514/326; 546/207; 546/216	Bagley, Scott W. et al.
US 20040112323 A1	20040617	Simplified combustion chamber	123/193.6	123/664	Liu, Zhengbai
US 20040085684 A1	20040506	Magnetic read/write head	360/317	29/603.18; 360/123; 360/126	Basra, Vijay K. et al.
US 20040060537 A1	20040401	COMBUSTION CHAMBER	123/263	123/276	Liu, Zhengbai et al.
US 20040019119 A1	20040129	High molecular weight primary aliphatic alcohols obtained from natural products and uses thereof	514/724		Gamble, William R. et al.
US 20040003870 A1	20040108	High performance rare earth-iron giant magnetostrictive materials and method for its preparation	148/301		Liu, Zheng
US 20030147791	20030807	Multi-stage loop reactor	422/227	422/231	Ding, Fuxin et al.

A1		<u> </u>			
US	20030731	Governor plate	239/88		Liu,
20030141380	20030731	apparatus	257/00		Zhengbai et
		apparatus			al.
A1	20020721	COMPLICATION	123/279		Liu,
US	20030731	COMBUSTION	123/2/9		
20030140890		CHAMBER			Zhengbai et
A1		· · · · · · · · · · · · · · · · · · ·	100/050		al.
US	20030724	Combustion chamber	123/279		Liu,
20030136372			:		Zhengbai et
A1					al.
US	20030529	Multiport non-	370/229	370/389;	Liu, Zheng
20030099193		blocking high		370/412	et al.
A1		capacity ATM and			
		packet switch			
US	20030522	High molecular	514/724	568/913	Gamble,
20030096876		weight primary			William R.
A1		aliphatic alcohols	•		et al.
AI.		obtained from natural		i	:
		products and uses		,	·
,		thereof			
TIC	20020227	Base for heat sink	29/830	257/E23.101;	Lee, Cheng
US	20030227	base for fleat slink	29/030	257/E23.101; 257/E23.103;	Chi et al.
20030037433				29/592.1;	Cin ct ai.
A1 .			·	361/709	
	2002000	D' 1	102/270		Liu,
US	20030206	Piston having	123/279	431/321;	1 '
20030024498		combustion chamber		431/324;	Zhengbai
A1		defined in the crown		92/173	T ·
US	20030123	Piston having	123/276		Liu,
20030015167		combustion chamber			Zhengbai et
A1		defined in the crown			al.
US	20021219	Method and	707/104.1		Weinberg,
20020194196		apparatus for			Paul N. et
A1 .		transforming data			al.
US	20020822	COMPOSITE	428/195.1	428/292.1;	SHENG,
20020114928		MATERIALS WITH		428/293.1;	PING et al.
Al		NEGATIVE		428/293.4;	
		ELASTIC		428/294.7;	
		CONSTANTS		428/304.4;	
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				428/308.4;	
				428/323;	
				428/325;	
				428/411.1	
US	20020725	High molecular	514/724	568/840	Gamble,
20020099099	1 .	weight primary			William R.
1	1	aliphatic alcohols			et al.
Al	<u></u>	amphatic aconois	<u> </u>		1

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		obtained from natural			
		products and uses			
		thereof		 	<u> </u>
US	20020627	High purity beta-	585/351	·	Bailey,
20020082459		carotene and process			David T. et
A1		for obtaining same			al.
US	20020516	High molecular	514/724	568/918	Gamble,
20020058713		weight primary			William R.
Al		aliphatic alcohols			et al.
		obtained from natural			
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		thereof			
US	20011025	Substituted bicyclic	514/259.1	514/228.2;	Kath, John
20010034351	20011023	derivatives useful as	314/237.1	514/234.5;	Charles et
				514/252.14;	al.
A1		anticancer agents		514/266.2;	ai.
				514/266.22;	
				514/311;	
		•		514/314;	
				544/253;	
				544/284;	,
				544/293;	
				546/159	
US 7143076	20061128	Method and	707/1	707/102;	Weinberg;
B2		apparatus for		707/104.1	Paul N. et
		transforming data		<u> </u>	al.
US 7141611	20061128	High molecular	514/724	514/164;	Gamble;
B2		weight primary		568/840;	William R.
		aliphatic alcohols		568/913;	et al.
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US 7140357	20061128	Vortex mixing	123/568.17		Wei; Puning
B2	20001120	system for exhaust			et al.
D2		gas recirculation			
·		(EGR)			
US 7121255	20061017	Strategy for fueling a	123/305	123/436;	Liu;
B2	20001017	diesel engine by	123,303	123/681	Zhengbai et
102		selective use of		125,001	al.
		fueling maps to	ļ.		
		provide HCCI+RVT,			
		1 -			
		HCCI+IVC,			
	1	HCCI+IVC+EVC,			
	1				
		and CD+RVT			
US 7117843	20061010	and CD+RVI combustion modes Emission reduction in	123/299	123/568.12;	Liu;

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B2		a diesel engine using an alternative combustion process and a low-pressure EGR loop		60/605.2	Zhengbai et al.
US 7032578 B2	20060425	Venturi mixing system for exhaust gas recirculation (EGR)	123/568.15	123/568.17; 123/568.18	Liu; Zhengbai et al.
US 7028680 B2	20060418	Two stage mixing system for exhaust gas recirculation (EGR)	123/568.17		Liu; Zhengbai et al.
US 7021276 B2	20060404	Control strategy for HCCI-CD combustion in a diesel engine using two fuel injection phases	123/299	123/305	Liu; Zhengbai et al.
US 7017561 B1	20060328	Control strategy for expanding diesel HCCI combustion range by lowering intake manifold temperature	123/568.12		Liu; Zhengbai et al.
US 7007574 B1	20060307	Grip structure for a pressure-based tool with sleeve	81/177.85	81/177.1; 81/177.5	Wu; Geng- Hao
US 6997158 B1	20060214	Diesel combustion chamber	123/279	123/307	Liu; Zhengbai
US 6990951 B1	20060131	Torque control strategy for a diesel engine during lean- rich modulation using independent fuel injection maps	123/299	123/443; 701/103	Liu; Zhengbai et al.
US 6982010 B2	20060103	High performance rare earth-iron giant magnetostrictive materials and method for its preparation		148/102; 148/103	Liu; Zheng
US 6978943 B2	20051227	Governor plate apparatus	239/88	239/533.12; 239/533.2; 239/585.5; 239/89; 239/90	Liu; Zhengbai et al.

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US 6973786	20051213	Emission reduction in	60/605.2	123/559.2;	Liu;
B1	·	a diesel engine by selective use of high-		123/568.2	Zhengbai et al.
		and low-pressure		-	
		EGR loops	102/205	122/200	T:
US 6957640	20051025	Strategy for fueling a diesel engine by	123/305	123/299	Liu; Zhengbai et
B1		selective use of			al.
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		provide HCCI+RVT,			
		HCCI+VVT, and			
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US 6955165	20051018	Three-reentrancy	123/663	123/193.6; 123/276	Liu;
B2	20050000	combustion chamber	123/193.4	123/276	Zhengbai Liu;
US 6945210	20050920	Combustion chamber with one concave	123/193.4	123/193.0,	Zhengbai
B2 .		surface and three		123/003	Zhengoar
		convex surfaces			
US 6943388	20050913	Sheet-type .beta	257/201	257/184;	Makita;
B1	20050715	FeSi.sub.2 element,		257/448;	Yunosuke et
		and method and		257/643	al.
		device for			
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		same	100/000	102/425	т:
US 6935304	20050830	Increasing the	123/299	123/435	Liu; Zhengbai
B1		duration of peak			Ziiciiguai
		combustion pressure in cylinders of a			
		diesel engine using			
		fuel injection control			
		strategies			
US 6935301	20050830	Combustion chamber	123/294	123/193.6;	Liu;
B2				123/276	Zhengbai
US 6868817	20050322	Simplified	123/193.6		Liu;
B2		combustion chamber	057/717	257/706	Zhengbai
US 6864572	20050308	Base for heat sink	257/717	257/706; 257/718;	Lee; Cheng Chi et al.
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US 6850526 B2	20050201	Methods and apparatus for extending the transmission range of UTOPIA interfaces and UTOPIA packet interfaces	370/395.6	370/413; 370/469; 370/474	Tan; Zhenping et al.
US 6785347 B1	20040831	Nonlinear-least squares based method and apparatus for FSK signal decoding	375/334	375/272	Liu; Zheng- She
US 6745340 B1	20040601	Method and system for recovering data from an optical write once read many (WORM) medium with both directory entries damaged	714/5	707/202; 714/15; 714/6	Liu; Zheng Henry et al.
US 6732702 B2	20040511	Combustion chamber	123/279	123/282; 123/285	Liu; Zhengbai et al.
US 6721310 B2	20040413	Multiport non- blocking high capacity ATM and packet switch	370/362	370/352; 709/253	Liu; Zheng et al.
US 6705273 B1	20040316	Combustion chamber	123/263	123/276; 123/284	Liu; Zhengbai et al.
US 6637402 B2	20031028	Piston having combustion chamber defined in the crown	123/279	123/193.6; 431/321; 431/324; 92/173	Liu; Zhengbai
US 6601561 B1	20030805	Combustion chamber	123/276	123/263	Liu; Zhengbai et al.
US 6596776 B2	20030722	High molecular weight primary aliphatic alcohols	514/724	514/164; 568/840; 568/913;	Gamble; William R. et al.

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		products and uses			
US 6576333 B2	20030610	Composite materials with negative elastic constants	428/323	428/327; 428/328; 428/378; 428/403; 428/407	Sheng; Ping et al.
US 6541481 B2	20030401	Substituted bicyclic derivatives useful as anticancer agents	514/260.1	514/265.1; 544/278; 544/280	Kath; John Charles et al.
US 6536404 B2	20030325	Piston having combustion chamber defined in the crown	123/263	123/276	Liu; Zhengbai et al.
US 6513476 B1	20030204	Piston having combustion chamber defined in the crown	123/193.6		Liu; Zhengbai et al.
US 6432486 B1	20020813	Surface treatments for articles and vehicles	427/447	427/385.5; 427/427.4; 427/427.5	Paris; Henry G. et al.
US 6284764 B1	20010904	Substituted bicyclic derivatives useful as anticancer agents	514/266.2	514/151; 514/266.22; 514/266.4; 544/283; 544/293	Kath; John Charles et al.
US 6133276 A	20001017	Compounds and methods for increasing endogenous levels of corticotropin-releasing factor	514/270	544/301	Whitten; Jeffrey P. et al.
US 5975358 A	19991102	Toy gun with an integrated target generator	222/79	446/15	Zheng; Yu et al.
US 5959109 A	19990928	Compounds and methods for increasing endogenous levels of corticotropin-releasing factor	544/311	544/242; 544/298; 544/309	Whitten; Jeffrey P. et al.
US 5898691 A	19990427	Method and apparatus for congestion distributed adaptive routing	370/415	370/218; 370/437; 370/463	Liu; Zheng
US 5631906	19970520	Medium access	370/455		Liu; Zheng

A		control protocol for single bus fair access local area network			
US 5402422 A	19950328	Medium access control (MAC) protocol for single bus multimedia fair access local area network	370/443	370/447; 370/460; 370/461; 711/113	Liu; Zheng et al.